BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : Lotte Gollahalli (Railway Track) **Date:** 20/8/2022

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	16
15	240	Impeller Shell moulded with aluminium Bronze)	Each	16
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	1
24	9	Providing Gate Valve 50 mm	Nos	1
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	60
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	1
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	—
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	—

Junior Engineer
Ward No 08

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : Devinagara **Date:** 24/8/2022

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	12
15	240	Impeller Shell moulded with aluminium Bronze)	Each	12
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	1
24	9	Providing Gate Valve 50 mm	Nos	1
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	35
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	—
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	—
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	—
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	—

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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : 6th cross Balaji Layout. **Date:** 29/8/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	14
15	240	Impeller Shell moulded with aluminium Bronze)	Each	14
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	—
24	9	Providing Gate Valve 50 mm	Nos	—
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	30
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	—
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	3
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	—
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	—

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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : Koti Hosahalli **Date:** 22/9/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	16
15	240	Impeller Shell moulded with aluminium Bronze)	Each	16
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	1
24	9	Providing Gate Valve 50 mm	Nos	1
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	45
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	1
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	—
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	—

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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : Badrappa Layout **Date:** 23/9/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	12
15	240	Impeller Shell moulded with aluminium Bronze)	Each	12
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	—
24	9	Providing Gate Valve 50 mm	Nos	—
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	50
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	—
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	—
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	—
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	14400 / 14400

Junior Engineer
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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : 5th main Bachappa Layout **Date:** 26/9/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	14
15	240	Impeller Shell moulded with aluminium Bronze)	Each	14
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	1
24	9	Providing Gate Valve 50 mm	Nos	1
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	55
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	—
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	—
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	14400 — 10600

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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : Balaji Layout 3rd cross **Date:** 29/9/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	16
15	240	Impeller Shell moulded with aluminium Bronze)	Each	16
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	1
24	9	Providing Gate Valve 50 mm	Nos	1
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	45
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	1
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	3
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	—

Junior Engineer
Ward No 08

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : 5TH CROSS Badrappa Layout **Date:** 12/10/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	12
15	240	Impeller Shell moulded with aluminium Bronze)	Each	12
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	—
24	9	Providing Gate Valve 50 mm	Nos	—
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	40
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	—
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	—
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	—
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	—

Junior Engineer
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BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : 1st main lottegollahalli **Date:** 13/10/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	14
15	240	Impeller Shell moulded with aluminium Bronze)	Each	14
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	—
24	9	Providing Gate Valve 50 mm	Nos	—
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	35
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	—
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	3
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	14400 / 14400

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BBMP, Bangalore

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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : Devinagara 1st cross **Date:** 27/10/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	12
15	240	Impeller Shell moulded with aluminium Bronze)	Each	12
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	1
24	9	Providing Gate Valve 50 mm	Nos	—
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	25
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	—
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	—
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	14400 / 10800

Junior Engineer
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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : 1st main, 4th Cross, Kodigehalli Village. **Date:** 28/10/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	14
15	240	Impeller Shell moulded with aluminium Bronze)	Each	14
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	1
24	9	Providing Gate Valve 50 mm	Nos	1
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	30
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	1
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	—
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	—
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	14400 — 10800

Junior Engineer
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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : 13h9 dappa Layout 5th cross Near School **Date:** 29/10/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	16
15	240	Impeller Shell moulded with aluminium Bronze)	Each	16
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	—
24	9	Providing Gate Valve 50 mm	Nos	—
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	25
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	—
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	—
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	—
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	

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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : Balaji Layout, New Narayana School. **Date:** 17/11/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries.	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	12
15	240	Impeller Shell moulded with aluminium Bronze)	Each	12
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	1
24	9	Providing Gate Valve 50 mm	Nos	—
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	30
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	—
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	3
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	—
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	16400 / 16400

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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : Sonnegowda Layout. **Date:** 9/12/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	12
15	240	Impeller Shell moulded with aluminium Bronze)	Each	12
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	1
24	9	Providing Gate Valve 50 mm	Nos	1
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	200
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	—
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	3
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	—

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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : Dee Enclave. **Date:** 12/12/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	16
15	240	Impeller Shell moulded with aluminium Bronze)	Each	16
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	—
24	9	Providing Gate Valve 50 mm	Nos	1
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	20
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	—
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	—
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	—

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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : Amco Layout **Date:** 13/2/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	12
15	240	Impeller Shell moulded with aluminium Bronze)	Each	12
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	—
24	9	Providing Gate Valve 50 mm	Nos	1
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	18
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	—
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	3
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	—
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	—

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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : Maruthi Nagara

Date: 15/12/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	1
14	240	Guide vane	Each	12
15	240	Impeller Shell moulded with aluminium Bronze)	Each	12
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Each	1
23	10	Providing non-return valve 50 mm	Nos	—
24	9	Providing Gate Valve 50 mm	Nos	—
25	600	Submersible Cable 1x3x6.0 Sq.mm	M	20
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Each	1
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	Mtr	4
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	1
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	1
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	—
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1
32	187200	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sq.Cm	—

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BRUHAT BANGALORE MAHANAGARA PALIKE

WORK EXECUTED LOG BOOK

Name of Work: Maintenance of existing Borewell in ward no. 8 Kodigehalli

Place of work : Kodigehalli Village

Date: 16/12/22

Sl. No.	Approved Qty.	Description	Unit	Qty Used/Job
1	18	Lifting of Submersible pump set as per Specification and direction	Each	1
2	18	Transportation of pumping machineries	Each	1
3	18	Labour charges (over hauling)	Each	1
4	18	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. Rewinding of motor of 12.5 HP above	Each	1
5	18	B) Replacement of Motor Parts: Starter 5 HP (with one year Guarantee)	Each	1
6	18	Rotor (with one year Guarantee)	Each	1
7	18	Upper Flange	Each	1
8	18	Lower Flange	Each	1
9	18	Upper Housing	Each	1
10	18	Lower Housing	Each	1
11	18	Carbon housing Thrust bearing block assembly complete with segment bearing pad & tip carbon/Ferradopadding pad	Each	1
12	18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal	Each	1
13	18	Oil Seal Steel bush	Each	12
14	240	Guide vane	Each	12
15	240	Impeller Shell moulded with aluminium Bronze)	Each	1
16	18	Discharge outlet (D.O) Bearing D.O Steel Bush	Each	1
17	18	Steel bush (D.O steel bush)	Each	1
18	18	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages)	Each	1
19	18	Non – return valve (NRV) assembly complete with rubber 'O' Ring	Each	1
20	18	Cable Guard	Each	1
21	18	Brass Filter	Each	1
22	18	Re-erection charges of pumping machineries including overhauling and pointing	Nos	—
23	10	Providing non-return valve 50 mm	Nos	1
24	9	Providing Gate Valve 50 mm	M	25
25	600	Submersible Cable 1x3x6.0 Sq.mm	Each	1
26	18	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Mtr	4
27	72	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. 40mm dia GI pipe	No	1
28	18	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.	No	—
29	5	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit … The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia,	No	—
30	18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	No	—
31	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6-32Amps TPN	No	1
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